OCT 2 3 2002

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Dated: October 16, 2002

Signature (Michael J. Doherty)

Docket No.: EMCORE 3.0-069 (PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Gurary et al.

Application No.: 10/046,426

Group Art Unit: 1763

Examiner: Not Yet Assigned Filed: January 16, 2002 PECENED TO 12002 FD

For: REACTOR HAVING A MOVABLE SHUTTER

Commissioner for Patents Washington, DC 20231

INFORMATION DISCLOSURE STATEMENT (IDS)

Dear Sir:

It is respectfully requested that the references listed on the enclosed form be made of record and considered with respect to the above-referenced U.S. patent application. A copy of each reference is enclosed herewith. A copy of an International Search Report listing the references is also enclosed. Submission of the present Information Disclosure Statement should not be taken as an admission that the cited references are legally available prior art or that the same are pertinent or material.

In the event that any fee is due in connection with the present Information Disclosure Statement, the Commissioner is hereby authorized to charge the same to our Deposit Account No. 12-1095.

Dated: October 16, 2002

Respectfully submitted

Michael J. Doherty

Registration No.: 40,592

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Attorneys for Applicant

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CERTIFICATION PURSUANT TO 37 C.F.R. § 1.97(E)(1)

Dear Sir:

C Tools Ach Pursuant to 37 C.F.R. § 1.97(e) (1), undersigned counsel hereby certifies that each item of information contained in the accompanying Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application to the above-referenced patent application not more than three months prior to the filing of said statement.

Dated: October 16, 2002

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